

TOP SECRET

25X

8 May 1965

Page 6NAVAL BASE AND SHIPYARD KIANGNAN

SHANG-HAI, CHINA

1. THE KIANGNAN SHIPYARD IS SITUATED ON THE WEST BANK OF THE HUANG-PU CHIANG (RIVER) IN SHANG-HAI. IT WAS ESTABLISHED IN 1865 AS AN INSTALLATION FOR PURPOSES OF NAVAL CONSTRUCTION. UNTIL THE COMMUNIST OCCUPATION IT REMAINED UNDER THE CONTROL OF THE NATIONALIST NAVAL MINISTRY. AFTER THE CAPTURE OF SHANG-HAI BY THE CHINESE COMMUNISTS ON 26 MAY 1949, SEVERAL SMALLER YARDS IN THE AREA WERE ABSORBED BY THE KIANGNAN SHIPYARD. THE COMMUNISTS THEN INITIATED AN EXPANSION PROGRAM WHICH HAS RESULTED IN KIANGNAN BECOMING THE LARGEST SHIPBUILDING FACILITY IN SHANG-HAI. IT IS CAPABLE OF CONSTRUCTING PASSENGER VESSELS UP TO 7,800 TONS GROSS, CARGO VESSELS UP TO 6,500 TONS GROSS, AND NAVAL VESSELS UP TO 4,000 TONS NAVAL STANDARD DISPLACEMENT.
2. BEGINNING IN 1954-55, AT APPROXIMATELY THE SAME TIME AS THE TRANSFER OF 4 S-1-CLASS AND 3 M-V-CLASS SUBMARINES FROM THE USSR, A LARGE SCALE SUBMARINE BUILDING PROGRAM BEGAN WITH SOVIET ASSISTANCE. THIS PROGRAM ACCOUNTED FOR THE CONSTRUCTION OF 21 W-CLASS SUBMARINES, 15 OF WHICH WERE CONSTRUCTED AT THE KIANGNAN SHIPYARD AND THE REMAINING

These notes have been prepared for briefing purposes only and should not be used for detailed analytical work. Their use should be restricted to the particular briefing board(s) they were prepared for and must be considered valid only for the reporting period as indicated by the date of issue.

TOP SECRET

25X

TOP SECRET25X
25X

8 May 1965

Page 7

6 AT THE WU-CHANG SHIPYARD IN WU-HAN. ONLY 17 OF THE 21 SHIPS BECAME OPERATIONAL ON SCHEDULE IN 1960. THE LAST FOUR WERE IN THE ADVANCED STAGES OF FITTING OUT WHEN THE USSR WITHDREW HER TECHNICIANS AND MATERIAL AID IN LATE 1960. THESE FOUR SUBMARINES BECAME OPERATIONAL IN MID-1962.

25X

NORTH SEA FLEET

LU-SHUN-KOU	8 W-CLASS SS
	1 R-CLASS SS
CHING-TAO	6 W-CLASS SS
	2 S-1-CLASS OSS

EAST SEA FLEET

SHANG-HAI	5 W-CLASS SS
	2 M-V-CLASS SS
TA-HSIEH TAO	2 W-CLASS SS

These notes have been prepared for briefing purposes only and should not be used for detailed analytical work. Their use should be restricted to the particular briefing board(s) they were prepared for and must be considered valid only for the reporting period as indicated by the date of issue.

25X

TOP SECRET

TOP SECRET

25X

8 May 1965

Page 58

TWO S-1-CLASS OSS AND ONE M-V-CLASS SS ARE UNLOCATED.

IN ADDITION ONE G-1-CLASS SSB, BUILT AT LU-TA SHIPYARD, IS PRESENTLY LOCATED ALONGSIDE THE COMMERCIAL PIER AT LU-TA AND REPORTEDLY WILL BE READY FOR A TEST CRUISE SOMETIME THIS SUMMER.

4. [] REVEALED ONE W-CLASS SS AND 2 POSSIBLE W-CLASS SS IN THE SHIPYARD AREA. 25X
5. [] REVEALED AN UNIDENTIFIED VESSEL ON THE WESTERNMOST BUILDING WAY AT KIANGNAN SHIPYARD. SECURITY SCREENING WAS POSITIONED ACROSS THE END OF THE TWO BUILDING WAYS. 25X
6. [] REVEALED TWELVE PROBABLE W-CLASS SUBMARINE HULL SECTIONS LOCATED AT THE FOOT OF, BETWEEN, AND IN THE STAGING AREA ABOVE THE BUILDING WAYS. THESE HULL SECTIONS APPEARED TO BE COMPONENTS FOR TWO SUBMARINES. HIGH VERTICAL SCREENING COMPLETELY SURROUNDED THE BUILDING WAYS. TWO PROBABLE W-CLASS SS WERE UNDERGOING EXTENSIVE OVERHAUL IN THE EASTERNMOST GRAVING DOCK. THE WESTERNMOST GRAVING DOCK CONTAINED ONE W-CLASS SS AND SIX SMALL CRAFT. TWO ADDITIONAL W-CLASS SS WERE BERTHED AT THE FITTING-OUT WHARF. 25X
7. [] REVEALED A PARTIALLY COVERED UNIDENTIFIED OBJECT ON THE EASTERNMOST BUILDING WAY. TWO POSSIBLE SUBMARINES, PARTIALLY 25X

These notes have been prepared for briefing purposes only and should not be used for detailed analytical work. Their use should be restricted to the particular briefing board(s) they were prepared for and must be considered valid only for the reporting period as indicated by the date of issue.

TOP SECRET

25

TOP SECRET

25X

8 May 1965

Page 9

COVERED BY SHEDS, WERE NOTED IN THE SAME POSITIONS IN THE EASTERNMOST GRAVING DOCK, AS WERE THE TWO W-CLASS SS OBSERVED ON [REDACTED] MERCHANT SHIPS OCCUPIED THE OTHER GRAVING DOCKS AND TWO POSSIBLE W-CLASS SS WERE BERTHED AT THE FITTING-OUT WHARF.

25X

8. [REDACTED] REVEALED TWO UNIDENTIFIED OBJECTS, ONE 210 FT LOA AND THE OTHER 90 FT LOA, ON THE BUILDING WAYS.
9. [REDACTED] REVEALED UNIDENTIFIED CLUTTER OBSCURED THE RAILS OF THE WESTERNMOST BUILDING WAY WHILE THE OTHER WAS EMPTY. NO HULL SECTIONS WERE VISIBLE IN THE YARD. ONE W-CLASS SS WAS TIED-UP AT THE FITTING-OUT WHARF.
10. [REDACTED], REVEALED AN UNIDENTIFIED OBJECT, APPROXIMATELY 250 FT LOA, ON THE WESTERNMOST BUILDING WAY. THE OTHER BUILDING WAY WAS EMPTY. ONE POSSIBLE SUBMARINE WAS OBSERVED IN THE EASTERNMOST GRAVING DOCK. TWO ADDITIONAL SUBMARINES WERE OBSERVED AT THE FITTING-OUT WHARF.
11. [REDACTED] REVEALED A PROBABLE W-CLASS SS IN AN ADVANCED STAGE OF CONSTRUCTION ON THE WESTERNMOST BUILDING WAY. THE OTHER BUILDING WAY REMAINED EMPTY. A SMALL SHED OBSCURED THE BOW PORTION OF THE PROBABLE W-CLASS SS ON THE BUILDING WAY. FOUR PROBABLE W-CLASS HULL SECTIONS WERE NOTED IN THE HULL SECTION STAGING AREA. FIVE ADDITIONAL

25X

25X

25X

25X

These notes have been prepared for briefing purposes only and should not be used for detailed analytical work. Their use should be restricted to the particular briefing board(s) they were prepared for and must be considered valid only for the reporting period as indicated by the date of issue.

25

TOP SECRET

TOP SECRET

25X

8 May 1965

25X

Page 10

SUBMARINES WERE OBSERVED IN THE YARD -- ONE W-CLASS SS IN THE EASTERNMOST GRAVING DOCK, AND TWO POSSIBLE W-CLASS SS AND TWO POSSIBLE S-1-CLASS SS AT THE FITTING-OUT WHARF.

12. [] REVEALED A PROBABLE W-CLASS SS ON THE WESTERNMOST BUILDING WAY. THE OTHER WAY WAS OCCUPIED BY AN UNIDENTIFIED OBJECT APPROXIMATELY 200 FT LOA.

25X

13. [] REVEALED 3 PROBABLE SUBMARINES AT THE FITTING-OUT WHARF. HAZE PRECLUDED IDENTIFICATION OF VESSELS UNDER CONSTRUCTION.

25X

14. [] REVEALED TWO PROBABLE W-CLASS SS UNDER CONSTRUCTION ON THE BUILDING WAYS AND 7 W/S-CLASS SS AT THE FITTING-OUT WHARF.

25X

15. THIS MISSION REVEALS 1 R-CLASS SS AND 1 UNIDENTIFIED SS UNDER CONSTRUCTION ON THE TWO SCREENED BUILDING WAYS. ONE POSSIBLE R-CLASS AND 4 PROBABLE W-CLASS SS ARE IN THE FITTING-OUT AREA.

16. THE TOTAL OF POSSIBLE R-CLASS SS OBSERVED IN CHINA NOW STANDS AT 4 -- TWO AT SHANG-HAI, ONE AT LU-SHUN-KOU, AND ONE AT CHING-TAO.

These notes have been prepared for briefing purposes only and should not be used for detailed analytical work. Their use should be restricted to the particular briefing board(s) they were prepared for and must be considered valid only for the reporting period as indicated by the date of issue.

25X1

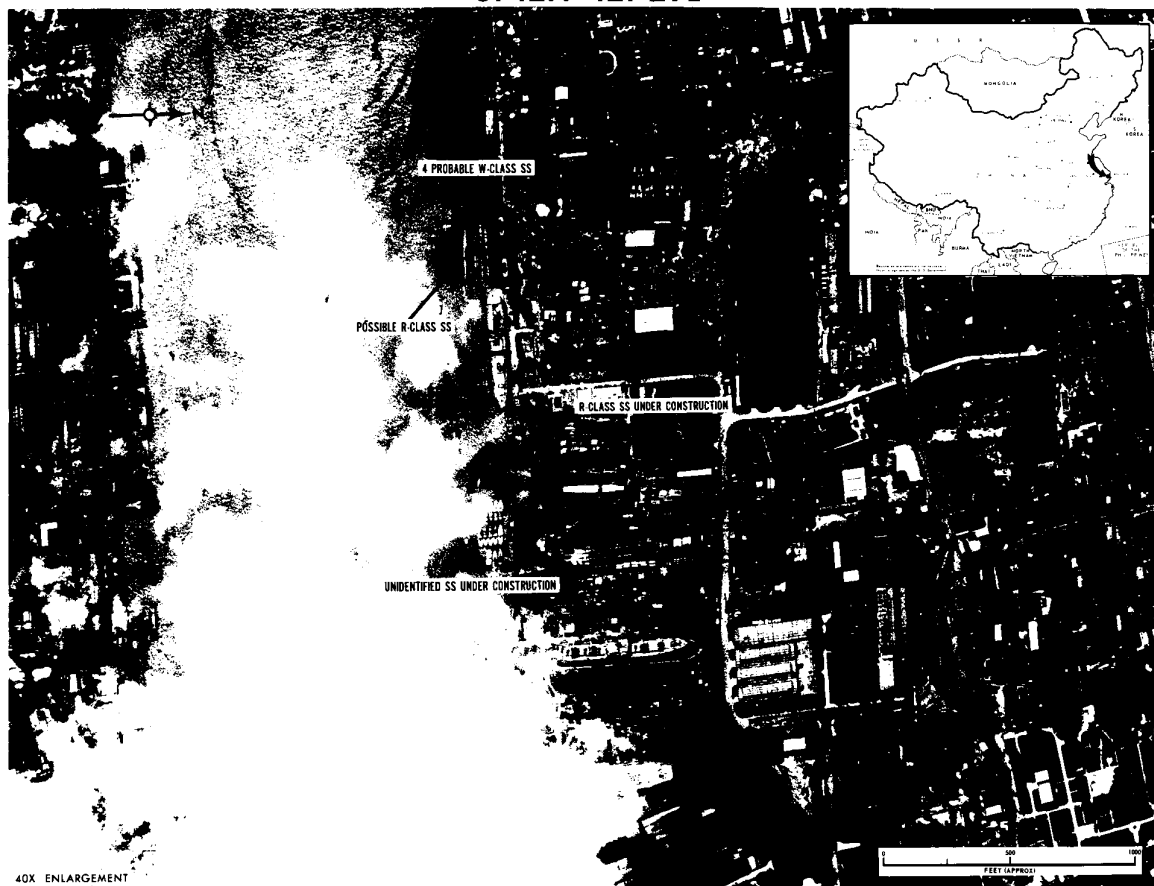
TOP SECRET

TOP SECRET

NATIONAL PHOTOGRAPHIC INTERPRETATION CENTER

NAVAL BASE AND SHIPYARD KIANGNAN
SHANG-HAI, CHINA
31-12N 121-29E

24X1
25X1



40X ENLARGEMENT

FEET (APPROX)

TOP SECRET

24X1
25X1